

DOCKET NO: 215141US2

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
YASUHIRO IWAMURA, ET AL. : EXAMINER: GREENE, DANIEL L.  
SERIAL NO: 09/981,983 :  
FILED: OCTOBER 19, 2001 : GROUP ART UNIT: 3694  
FOR: NUCLIDE TRANSMUTATION :  
DEVICE AND NUCLIDE  
TRANSMUTATION METHOD

**REQUEST FOR SUBSEQUENT SUSPENSION**  
**UNDER 37 C.F.R. § 1.103(a) OR (c)**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicants respectfully request that prosecution in the above-identified patent application be suspended for an additional six months under 37 C.F.R. §1.103(a), or alternatively for three months under 37 C.F.R. §1.103(c).

As stated in the request for suspension filed November 8, 2006, the U.S. Naval Research Laboratory (NRL) started a cooperative research with Mitsubishi Heavy Industries, Ltd. on May 20, 2005 on the nuclide transmutation technique. This research has recently been suspended by NRL, possibly due to insufficient budget in the NRL.

Applicants wish to submit experimental results of the cooperative research with NRL to the USPTO in the present application, as they become available, since it is believed that such experimental results will produce evidence in support of the operability of the present invention.

Furthermore, submitted herewith are two research papers, “In-situ Elemental Analysis on Pd Complexes during D<sub>2</sub> Gas Permeation with X-ray Fluorescence Spectrometry,” and “Study on Correlation between Pd Complex Structure and Trace Elements using X-ray microprobe,” both from *Japan Synchrotron Radiation Research Institute: Spring-8 User Experiment Report No. 15 (2005a)*. In these articles, the present inventors present results of a study about nuclide transmutation technique according to the present invention.

For the foregoing reasons, Applicants respectfully submit that there are good and sufficient reasons for the requested suspension and that the requirements for 37 C.F.R. §1.103(a) are met.

If, however, the above cooperative research does not comprise “good and sufficient reasons” as required under 37 C.F.R. § 1.103(a), Applicants alternatively request a three-month suspension under 37 C.F.R. §1.103(c), as the processing fee required under §1.17(i) is attached herewith. The Commissioner is also authorized to withdrawn any fee insufficient from the undersigned Attorney’s Account No. 15-0030.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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(OSMMN 08/07)

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